

**MEMORANDUM**

**INTERMOUNTAIN POWER SERVICE CORPORATION**

TO: S. Gale Chapmen  
FROM: Dennis K. Killian  
DATE: June 26, 1991  
SUBJECT: Burner Design Evaluation  
(RJM Corp's review of B&W's proposed design)  
FILE: 01.03.03, 14.9010

Please approve the attached purchase request for RJM Corporation to proceed with an engineering design evaluation of Babcock and Wilcox's proposed burner upgrade. The three part package

RJM Corporation can make an on-site diagnostic review of our on-going operational problems and make recommendations for a testing program, outlining costs and requirements of each separate phase. This on-site two day evaluation is for a **fixed fee of \$3500, plus expenses.**

Engineering Services would like to investigate more sophisticated testing and modeling techniques. RJM Corporation specializes in energy and pollution control technology. We would like for them to evaluate and make recommendations on their testing and modeling capabilities, especially in the following areas:

- Secondary Air Flow Balancing
- Fuel Flow Balancing
- Primary Air Flow Balancing
- Burner Swirl Control
- Fuel/ Air Mixing Analysis

Please approve the attached requisition to have an on-site evaluation conducted. We recommend using RJM Corporation of Ridgefield, CT to conduct the testing evaluation. Please reference the attached purchase requisition and letter from RJM for more detail. Also attached is some RJM literature on testing services.

We would like to schedule this activity the week of June 3,

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